Cumulative Index, 1973–1975

Page numbers of symposium and article titles are in **boldface** type.

ABDOMEN, and thorax, acute surgical conditions of, in neonates, *1975:* Aug., **297–329**
trauma to, angiography in, *1973:* Dec., **579–592**
blunt, *1973:* Dec., **561–578**
clinical findings, *1973:* Dec., **555–560**
radionuclide scanning in, *1973:* Dec., 467–472
ultrasonic examination of, *1975:* Dec., **543–556**
Abdominal pregnancy, angiographic findings, *1974:* April, 60–61
Abortion, missed, *1974:* April, 61, 64–65
ultrasonic diagnosis of, *1975:* Dec., 449
Abscess, breast, mammatherm in, *1974:* April, 184
hepatic, ultrasonic diagnosis of, *1975:* Dec., 548–550
pulmonary, *1973:* Aug., 307
Acetabuloplasty, Pemberton, for acetabular dysplasia, *1975:* April, 125–129
Achilles tendon rupture, *1973:* Dec., 658
Acoustic impedance, in diagnostic ultrasound, *1975:* Dec., 394–395
Acoustic meatus, internal, congenital anomalies, *1974:* Dec., 479
Acoustic neuroma, angiography in, *1974:* Aug., 391, 392
in children, *1974:* Dec., 564, 565–568
iophendylate examination, *1974:* Dec., 435, 436
of cerebellopontine angle, *1974:* Dec., 449, 452, 453, 454, 540–541
tomography in, *1974:* Aug., 304
basal, *1974:* Dec., 421, 426
Acoustic waves, in ultrasound, physics of, *1975:* Dec., 391–397
Acromium, osteotomy of, *1975:* April, 81
Adenoma, of external auditory canal, *1974:* Dec., 533
of middle ear, *1974:* Dec., 534
pituitary, *1974:* Aug., 397
Adult(s), fractures in, reduction of, *1973:* Dec., 672–681
pulmonary infection, *1973:* Aug., 273–277
Aganglionosis, colonic, neonatal, *1975:* Aug., 310, 340
Air-conditioner lung, *1973:* Aug., 343, 347
Airways, obstruction, lung scanning in, *1973:* April, 228–229
Allergy, pneumonias and, *1973:* Aug., **339–356**
Alpha$_1$-antitrypsin deficiency, obstructive airway disease and, *1973:* April, 51
Alveolar cell carcinoma, *1973:* Aug., 300
Aminopterin, fetal injury and, *1973:* Dec., 633
Amniocentesis, technique, *1974:* April, 38–39
Amniography, *1974:* April, 15–17
Amniotic fluid, analysis, *1974:* April, 39–40
lipid-positive cells, fetal maturity and, *1974:* April, 14
A-mode scanning, ultrasonic, *1975:* Dec., 403–404
Anastomosis, esophageal, in newborns, *1975:* Aug., 278
Anemia, orthostatic apical, *1973:* April, 18
Anencephaly, ultrasonic detection, *1974:* April, 143; *1975:* Dec., 452
Anesthesia, in neonates, for special roentgenographic techniques, *1975:* Aug., 182
Aneurysm, aortic, echographic measurement in management of, *1975:* Dec., 558–563
salmonella infection with, *1973:* Aug., 421, 426–427
traumatic, *1973:* Dec., 550–552
cerebral, *1974:* Aug., 308
head trauma and, *1974:* Aug., 325
traumatic, of carotid artery, *1974:* Aug., 316
Angiography. See also *Arteriography.*
Angiography, for infantile large heads, *1975:* Aug., 215–217
neonatal, *1975:* Aug., 178–191, 362
Angiocardiography, *1973:* April, 109–116
techniques, *1974:* Aug., **223–240**
in abdominal trauma, *1973:* Dec., **579–592**
in pathologic pregnancy, *1974:* April, **59–77**
in posterior fossa lesions, *1974:* Dec., 442–448; *1974:* Aug., **371–400**
in renal trauma, *1973:* Dec., 597–608
Ankle, fractures, *1973:* Dec., 675
Annular pancreas, in neonatal duodenal obstruction, *1975:* Aug., 302
Anorectal malformations, in neonates, *1975:* Aug., 308–309
Anteversion, excessive, of acetabular cup, *1975:* April, 10
of femoral neck, *1975:* April, 125
Antibiotics, pneumonias after, *1973:* Aug., 275
Aorta, abdominal, lesions of, echographic diagnosis of, *1975:* Dec., **557–572**
aneurysms, salmonella infection with, *1973:* Aug., 421, 426–427
traumatic, *1973:* Dec., 550–552
thoracic, trauma to, *1973:* Dec., **543–554**
Aortic arch, laterality of, in congenital cardiac anomalies, *1975:* Aug., 259
Aortic stenosis, *1973:* April, 18
Aortic valve infection, *1973:* Aug., 418–420
Aortography, neonatal, use of catheter in, *1975:* Aug., 183

Arachnoid cyst, *1974:* Aug., 249, 273
of cerebellopontine angle, *1974:* Dec., 451
Arrhinencephaly, in infants, *1975:* Aug., 220, 222
Artefacts, in chest radiology, *1973:* April, 77
in skull radiology, *1973:* Dec., 503
Arteriography. See also *Angiography.*
coronary, nonselective, *1973:* April, 113–116
direct puncture carotid, in infants, *1975:* Aug., 188–189
Arteriovenous malformation, cerebral, *1974:* Aug., 309, 310
Artery(ies), femoral, puncture of, in infant angiography, *1975:* Aug., 184–185
great, transposition of, in infants, *1975:* Aug., 260, 264
of posterior fossa, *1974:* Aug., 371–376
pulmonary, left, anomalous origin of, in neonates, *1975:* Aug., 325–326
roentgen visualization of, *1973:* April, 18–23
Arthritis, degenerative, femoral head replacement in, *1975:* April, 49–50
Arthrodeses, in joint stabilization, *1975:* April, 145–149
Arthrography, in total hip arthroplasty, *1975:* April, 15–19
Arthroplasty, Colonna capsular, for complete hip dislocation, *1975:* April, 129, 132–133
cup, *1975:* April, 133–134
cup mold, radiologic aspects of, *1975:* April, 53–56
total hip, radiology of, *1975:* April, **3–19**
Ascites, fetal, *1974:* April, 17
Ascites, metastases and, radiocolloid therapy in, *1974:* April, 161–163
neonatal, *1975:* Aug., 313
Aspergillosis, *1973:* Aug., 313
bronchiectasis with, *1973:* Aug., 374–375
opportunistic, *1973:* Aug., 363
Aspergillus fumigatus endocarditis, *1973:* Aug., 437
Aspiration, puncture needles and, ultrasound and, *1975:* Dec., 496
Aspiration needle biopsy of lung, *1973:* Aug., 384–389
Aspiration pneumonias, *1973:* Aug., 275–276, 327–328, 334–335
Asplenia syndrome, in infants, *1975:* Aug., 259, 382
Asthma, *1973:* April, 72–73, 229
immunologic aspects, *1973:* Aug., 341
Astrocytoma, *1974:* Aug., 277
Atelectasis, distribution of, in neonatal respiratory distress syndrome, *1975:* Aug., **225–250**
plate, *1973:* April, 90
Atherosclerosis, cerebral, *1974:* Aug., **343–352**
retrograde brachial angiography in, *1974:* Aug., 233–235
Athletic injuries, *1973:* Dec., **657–665**
Atlas, development of, *1973:* Dec., 508
Atresia, colonic, in neonates, *1975:* Aug., 310
duodenal, in neonates, *1975:* Aug., 298–300
esophageal, and tracheoesophageal fistula, *1975:* Aug., **277–295**
ileal, in neonates, *1975:* Aug., 304–305
jejunal, in neonates, *1975:* Aug., 302–303
pulmonary, in newborns, *1975:* Aug., 270–272
tricuspid, in newborns, *1975:* Aug., 271–273
Atrial septal defect, redistribution of blood flow in, *1973:* April, 30
Atriography, carbon dioxide, *1973:* Aug., 398–401, 406
Atrophy, cerebral, in infants, large ventricles and, *1975:* Aug., 217–218, 223
Auditory canal, exostosis of, *1974:* Dec., 535
external, adenoma of, *1974:* Dec., 533
carcinoma of, *1974:* Dec., 427
congenital absence, *1974:* Dec., 466
malignancies of, *1974:* Dec., 585–586
radiolucent lesions, *1974:* Dec., 571–572
tomographic anatomy, *1974:* Dec., 409–411, 413, 414
internal, tomographic anatomy, *1974:* Dec., 410, 413, 416
tomographic anatomy, basal projection, *1974:* Dec., 423
Aufranc-Turner hip prosthesis, *1975:* April, 7, 27, 31
Austin-Moore prosthesis, in femoral head and neck replacement, *1975:* April, 45–49, 51–53
Avulsion, trochanteric, with total hip prosthesis, *1975:* April, 9
Axilla, lipoma of, *1974:* April, 199
Axis, development of, *1973:* Dec., 508
Azygos vein, roentgen significance, *1973:* April, 39–40

Bacterial pneumonias, *1973:* Aug., **317–338.** See also specific pathogens.
anaerobic, *1973:* Aug., 275–276
in children, *1973:* Aug., 262–264, 268–270
opportunistic, *1973:* Aug., 361
postinfluenzal, *1973:* Aug., 272, 333
Bands, duodenal, in neonates, *1975:* Aug., 298–299
Barium enema, in neonatal duodenal obstruction, *1975:* Aug., 298–299
in neonatal functional bowel obstruction, *1975:* Aug., 338
Basiocciput, *1973:* Dec., 489
Beams, directionality of, in diagnostic ultrasound, *1975:* Dec., 398–401
reflected, in diagnostic ultrasound, *1975:* Dec., 401–402
sonic, in diagnostic ultrasound, *1975:* Dec., 393
ultrasonic, angle of spread of, *1975:* Dec., 401
Bezold's abscess, *1974:* Dec., 491, 495
Bicornuate uterus, *1974:* April, 14
Bifurcation, rule of, in bronchography, *1973:* April, 130
Biliary tree, trauma to, *1973:* Dec., 574
Biopsy, lung, radiologic techniques, *1973:* Aug., **382–392**
needle, of bone, *1975:* April, **157–164**
Biparietal diameter, fetal, ultrasonic measurement of, *1975:* Dec., 437–441
Birth, injuries associated with, *1973:* Dec., 635–639
skull trauma during, *1974:* Aug., 333–325
Bladder, distention, progression of labor and, *1974:* April, 4
endometriosis of, *1974:* April, 118, 120
neurogenic, neonatal, *1975:* Aug., 353–354
trauma to, *1973:* Dec., 618–625
ultrasonic scanning, *1974:* April, 128, 129; *1975:* Dec., 418–419, 421, 432–433
Blastomycosis, *1973:* April, **169–173**
Bleeding. See *Hemorrhage.*
Blood, flow, cerebral, skull trauma and, *1974:* Aug., 322–323, 328
pulmonary, *1973:* April, 22–26
pressure, increased. See *Hypertension.*
vessels, great, trauma to, *1973:* Dec., **543–554**

Blount technique, epiphyseal closure by stapling, *1975:* April, 154–155
subtrochanteric wedge and rotational osteotomy, *1975:* April, 136
Bone, needle biopsy of, *1975:* April, **157–164**
skeletal, scanning, *1974:* April, 155–157
trauma, radionuclide scanning in, *1973:* Dec., 472–473
Bone grafts, radiology of, *1975:* April, **67–77**
Bowel. See also *Intestines.*
Bowel, large, functional immaturity of, in neonates, *1975:* Aug., **331–342**
Brachial angiography, retrograde, *1974:* Aug., 224, 233–235
Brain, abscess, *1974:* Dec., 496
computerized tomography of, *1974:* Aug., **297–313**
edema of, in infants, *1975:* Aug., 207–212
metastases, scanning for, *1974:* April, 158–161
scan, in neonates, *1975:* Aug., 370
in head trauma, *1973:* Dec., 461–466
Brainstem, anatomy, *1974:* Dec., 442, 444
lesions, computerized tomography in, *1974:* Aug., 305
tumors of, angiography in, *1974:* Aug., 388–390
upper, ultrasound in, *1974:* Aug., 288, 292, 293
Breast, carcinoma of, metastases from, cranial, *1974:* Aug., 381
scanning for, *1974:* April, 155–161
temporal bone, *1974:* Dec., 598
thermography in, *1974:* April, **167–188**
cystic disease, mammatherm in, *1974:* April, 178
roentgen examination, *1974:* April, **189–203**
Breech presentation, failure of progress of labor with, *1974:* April, 10
Bronchial arteriography, *1973:* April, 112–113
Bronchial asthma, *1973:* April, 72–73, 229
immunologic aspects, *1973:* Aug., 341
Bronchiectasis, *1973:* April, 70–72, 141–144, 230
bronchographic findings in, *1973:* Aug., 374
in pneumonia, *1973:* Aug., 335
Bronchiolitis, in infants and children, *1973:* Aug., 268
Bronchitis, acute, *1973:* Aug., 272
chronic, *1973:* April, 66–70, 138–141
bronchography in, *1973:* Aug., 372–374
pneumonia and, *1973:* Aug., 274
interstitial pneumonia with, *1973:* Aug., 352–353
Bronchoalveolar cell carcinoma, *1973:* Aug., 377
Bronchography, *1973:* April, 5–6, **125–152**
complications of, *1973:* Aug., 390
in pulmonary emphysema, *1973:* April, 62
in pulmonary inflammatory disease, *1973:* Aug., **371–382**
Bronchopleural fistula, pneumonia with, *1973:* Aug., 335, 336
Bronchospasm, pulmonary alveolar pressure in, *1973:* April, 26
Bronchus, carcinoma of, *1973:* April, 231–232
fracture, *1973:* Dec., 535–536, 537
obstruction and relocation, *1973:* April, 135–137
Brunswick hip prosthesis, *1975:* April, 27
B-scan ultrasound, equipment, typical features of, *1975:* Dec., 412–413
symposium on, *1975:* Dec., **389–572**
Buchholz-St. George hip prosthesis, *1975:* April, 23, 26
Buddha sign, *1974:* April, 17
Bulla, emphysematous, *1973:* April, 88, 229
CALCANEUS, osteotomy of, *1975:* April, 150–151
Calcifications, congenital intracranial inflammatory, *1975:* Aug., 219–220
in granulomatous disease, *1973:* Aug., 305
Calcium, serum, excess. See *Hypercalcemia.*
Camera, Polaroid, in B-scan ultrasound, *1975:* Dec., 410
Caput succedaneum, *1973:* Dec., 642; *1974:* April, 33
Carbon dioxide atriography, in pericardial effusion, *1973:* Aug., 398–401, 406
Carcinoembryonic antigen (CEA), radioimmunoassay, *1974:* April, 154
Carcinoma. See also *Tumors;* specific lesions, and names of organs.
alveolar cell, *1973:* Aug., 300
bronchoalveolar cell, *1973:* Aug., 377
of female genital tract, lymphangiography in, *1974:* April, **79–92**
follicular, ultrasonic detection of, *1975:* Dec., 485–487
of lung, cavitation in, *1973:* Aug., 308, 380
pancreatic, ultrasound in, *1975:* Dec., 474–476
radiotherapy for, *1973:* April, **243–255**
renal, ultrasonic detection of, *1975:* Dec., 422–423
theca lutein, ultrasonic diagnosis of, *1975:* Dec., 443, 446
vs. pneumonia, *1973:* Aug., 377–379
of uterine cervix, *1974:* April, 79–88, **93–108**
Cardiac. See also *Heart.*
Cardiac pacemaker, infective endocarditis and, *1973:* Aug., 432
Cardiomegaly, after trauma, radionuclide evaluation, *1973:* Dec., 475
in pericardial effusion, *1973:* Aug., 393–396
in sarcoidosis, *1973:* Aug., 287
Cardiopulmonary disease, inflammatory, symposium on, *1973:* Aug., **261–442**
roentgen changes in panacinar emphysema, *1973:* April, 10–16
trauma to, radionuclide scanning in, *1973:* Dec., 473–475
Carotid angiography, *1974:* Aug., 223, 230–232
Carotid artery, aneurysm, traumatic, *1974:* Aug., 316
anomalies, *1974:* Dec., 464
internal, anomalies, *1974:* Dec., 483–487
Carotid canal, *1974:* Dec., **483–489**
tomographic anatomy, *1974:* Dec., 409, 411, 414
Cartilage necrosis, following femoral head and neck replacement, *1975:* April, 49, 51
Catamenial pneumothorax, *1974:* April, 122–124
Catheter, and accessories, in neonatal angiography and and neuroangiography, *1975:* Aug., 182–189
Catheterization, cardiac, in first month of life, *1975:* Aug., 252
pulmonary complications, *1973:* April, 103–105
umbilical, trauma from, *1973:* Dec., 639, 644
Cavernous hemangioma, of skull, *1974:* Aug., 268
Cavograms, vena, neonatal, *1975:* Aug., 366
CEA. See *Carcinoembryonic antigen.*
Cecum, malrotation of, in neonates, *1975:* Aug., 302–304
Cephalhematoma, calcified, *1974:* Aug., 272
in newborn, *1973:* Dec., 643; *1974:* Aug., 337; *1975:* Aug., 213
Cephalopelvic disproportion, progression of labor and, *1974:* April, 4–6, 8, 10, 11
Cerebellar tumors, *1974:* Aug., 381–387

Cerebellopontine angle, acoustic neuroma of, *1974:* Dec., 449, 452–454, 540–541
cholesteatoma of, *1974:* Dec., 535
lesions, iophendylate examination, *1974:* Dec., **431–439**
special diagnostic procedures, *1974:* Dec., 448–459
meningioma of, *1974:* Dec., 539
tumors, angiography in, *1974:* Aug., 390–393
Cerebellum, anatomy, *1974:* Dec., 442
Cerebral angiography, techniques, *1974:* Aug., **223–240**
Cerebral atherosclerosis, *1974:* Aug., **343–352**
retrograde brachial angiography in, *1974:* Aug., 233–235
Cerebral hemiatrophy, *1974:* Aug., 340
Cerebral ischemia, atherosclerosis and, *1974:* Aug., 343
Cerebral palsy, orthopedic objectives in, *1975:* April, 140
Cerebrospinal fluid, in neonatal obstructive hydrocephalus, *1975:* Aug., 376–378
Cerebrospinal fluid rhinorrhea, skull trauma and, *1973:* Dec., 464–465; *1974:* Aug., 320
Cerebrovascular accident, *1974:* Aug., 343
computerized tomography in, *1974:* Aug., 309
Cervical spine, upper, trauma to, *1973:* Dec., **505–526**
Cervix, carcinoma of, *1974:* April, **93–108**
tumors of, lymphangiography in, *1974:* April, 79–88
Charnley hip prostheses, *1975:* April, 5–6, 23–24
Charnley-Mueller hip prosthesis, *1975:* April, 23, 25
Chest, radiographs, linear shadows in, *1973:* April, **77–92**
radiology of (symposium), *1973:* April, **1–255**
artefacts in, *1973:* April, 77
inspiration/expiration radiographs, *1973:* April, **3–16**
physiologic findings and, *1973:* April, **17–47**
special procedures in, *1973:* April, 109–123
wall, configuration, in emphysema, *1973:* April, 55
tumors, *1973:* April, **197–214**
Chiari malformation, in infants, *1975:* Aug., 206–207
Chiari osteotomy, of femur, *1975:* April, 135–136
Children. See also *Infants; Newborn.*
fractures in, reduction of, *1973:* Dec., 667–672
head trauma in, *1974:* Aug., **333–342**
pulmonary infections in, *1973:* Aug., 270–273
radiology of ear in, *1974:* Dec., **553–570**
respiratory infections in, *1973:* Aug., 264–270
Cholecystogram, in diagnosis of gallbladder disease, *1975:* Dec., 551–554
Cholesteatoma, in children, *1974:* Dec., 558
of ear, *1974:* Dec., 497–502, 533–535
of petrous bone, in children, *1974:* Dec., 559
of petrous pyramid, *1974:* Dec., 574–575
with middle ear infection, *1974:* Dec., 572
Chondroma, *1974:* Dec., 580
Chondrosarcoma of rib, *1973:* April, 202–205
Chylothorax, *1973:* Dec., 528
in neonates, *1975:* Aug., 328
Cirrhosis, ultrasonic diagnosis of, *1975:* Dec., 550–551
Cisternography, neonatal, *1975:* Aug., 376–378
radionuclide, in normal pressure hydrocephalus, *1974:* Aug., 363
Clavicle, fracture of, intrapartum, *1973:* Dec., 635–638
Claw-toe, interphalangeal arthrodesis and tendon transplant for, *1975:* April, 151–152
Cleidocranial dysostosis, fetal, *1974:* April, 19
Clivus, tumors of, *1974:* Dec., 488
Coarctation, of aorta complex, in newborns, *1975:* Aug., 267, 269
Coccidioidomycosis, *1973:* April, **153–161;** Aug., 273, 307, 313, 314
Cochlea, aplasia of, *1974:* Dec., 479
in retrofenestral otosclerosis, *1974:* Dec., 511
malformations, *1974:* Dec., 476–479
tomographic anatomy, *1974:* Dec., 411
axial-pyramidal view, *1974:* Dec., 475
basal projection, *1974:* Dec., 424
Cochlear window, in fenestral otosclerosis, *1974:* Dec., 509–510
Colitis, Hirschsprung's disease and, in neonates, *1975:* Aug., 309–310
Colon, endometriosis of, *1974:* April, 112, 115–117, 119
functional immaturity and obstruction of, neonatal, *1975:* Aug., **331–342**
obstruction of, neonatal, *1975:* Aug., 307–310
traumatic injury to, *1973:* Dec., 569, 587
Colonna capsular arthroplasty, for complete hip dislocation, *1975:* April, 129, 132–133
Compliance, pulmonary, radiographic suggestion of, *1973:* April, 6–7, 43
Congenital heart disease. See under *Heart.*
Congenital parietal foramina, *1974:* Aug., 263
Congenital pneumonia, *1973:* Aug., 262–263
Congestive heart failure, *1973:* April, 232–233
pulmonary disease and, *1973:* Aug., 301
Contractions, uterine, diminished, prolonged labor and, *1974:* April, 4–5, 8, 9
Contrast material, dosage of, in infantile neuroangiography and visceral and pulmonary angiography, *1975:* Aug., 189–190
Convolutional impressions of skull, *1974:* Aug., 260
Cor pulmonale, azygos vein in, *1973:* April, 40
Coronary arteriography, nonselective, *1973:* April, 113–116
Corpus callosum, glioblastoma of, *1974:* Aug., 248
Cough, in children with repaired atresia and fistula, *1975:* Aug., 290
Cranial bones, fetal, abnormalities, *1974:* April, 29, 31–32
Cranial fossa, posterior, anatomy, *1974:* Dec., 441–448
angiography of, *1974:* Aug., **371–400**
iophendylate examination, *1974:* Dec., **431–439**
Cranial nerve(s), eighth, cerebellopontine angle lesions and, *1974:* Dec., 448
neuromas, *1974:* Dec., 578
palsy, skull fracture and, *1974:* Aug., 319–320
Cranial sutures, in evaluation of head trauma, *1973:* Dec., 489–492
Craniocervical ligaments, internal, *1973:* Dec., 512
Craniofacial injuries, stereo roentgenography in, *1973:* Dec., **683–696**
Craniolacunia, *1974:* Aug., 276
Craniopharyngioma, *1974:* Aug., 294
Craniosynostosis, in infants, *1975:* Aug., 216
Crescent sign, in brain scans, *1973:* Dec., 463–464
Croup, *1973:* Aug., 266–268
Cuneiform osteotomy, *1975:* April, 84–85
Cup mold arthroplasty, radiologic aspects of, *1975:* April, 53–56
Curvatures, spinal, classification of, *1975:* April, **93–112**
measurement of, *1975:* April, **113–121**
Cyanosis, in neonatal congenital heart disease, *1975:* Aug., 252, 260, 265

Cyst(s). See also under name of organ or part.
arachnoid, *1974:* Aug., 249, 273
neonatal, *1975:* Aug., 213
of cerebellopontine angle, *1974:* Dec., 451
brain, computerized tomographic in, *1974:* Aug., 304
choledochal, ultrasonic diagnosis of, *1975:* Dec., 554
dermoid, ovarian, ultrasound and, *1975:* Dec., 460–461
intracranial, ultrasound in, *1974:* Aug., 284–288
neurenteric, neonatal, *1975:* Aug., 326
ovarian, in pregnancy, *1975:* Dec., 446
ultrasound in, *1975:* Dec., 459
pulmonary, infected, *1973:* Aug., 380
neonatal, *1975:* Aug., 322–324
Cystic disease, of breast, mammatherm in, *1974:* April, 178
Cystic fibrosis, *1973:* April, 71
Cystitis, pelvic radiation therapy and, *1974:* April, 103
Cystograms, in neonates, *1975:* Aug., 362
Cystosarcoma phyllodes, mammatherm in, *1974:* April, 176
Cytomegalic inclusion disease, *1973:* Aug., 366–368; *1975:* Aug., 219
Cytomegalovirus pneumonia, *1973:* April, 179; Aug., 262, 276

Dandy-Walker syndrome, *1975:* Aug., 207
Death of fetus, prenatal detection, *1974:* April, 24, **29–35**
ultrasonic, *1974:* April, 139–141
Decibel scale, in ultrasound, *1975:* Dec., 393–394
Delivery, fetal trauma during, *1973:* Dec., 635–639; *1974:* Aug., 333–335
Desquamative interstitial pneumonias, *1973:* Aug., 330–331
Deuel's halo sign, *1974:* April, 32–34
Deyerle hip prosthesis, *1975:* April, 41–43
Diagnosis, ultrasonic, physics of, *1975:* Dec., 391–402
technology of, *1975:* Dec., **403–415**
Diameter, biparietal, fetal, ultrasonic measurement of, *1975:* Dec., 437–441
Diaphragm, prepyloric, gastric obstruction and, in neonates, *1975:* Aug., 298
roentgen appearance in emphysema, *1973:* April, 8, 9, 55
trauma to, *1973:* Dec., 565
Diastematomyelia, scoliosis and, *1975:* April, 97–98
Dislocation, of hip, congenital, surgical procedures for, *1975:* April, **123–137**
with total hip prosthesis, *1975:* April, 9
Distention, abdominal, in neonates, *1975:* Aug., 297
with neonatal gastrointestinal perforation, *1975:* Aug., 313
Distraction, in leg lengthening, *1975:* April, 151, 153
Donor sites, for bone grafts, *1975:* April, 69, 76
Drug(s), hypersensitivity pneumonia from, *1973:* Aug., 342
maternal, prenatal trauma and, *1973:* Dec., 633
Duhamel operation, in newborns, *1975:* Aug., 278–279
Duodenum, obstruction of, in neonates, *1975:* Aug., 298–302
traumatic injury to, *1973:* Dec., 567
Dysgenesis, cerebral, in infants, *1975:* Aug., 220
Dysplasia, acetabular, *1975:* April, 123
Pemberton acetabuloplasty for, *1975:* April, 125–129
cystic, in neonates, *1975:* Aug., 347–348
hip, *1975:* April, 123
skeletal, scoliosis and, *1975:* April, 100
Dysraphism, neurospinal, orthopedic treatment of, *1975:* April, 140–141

Ear(s), anatomy, tomographic, *1974:* Dec., **405–417**
congenital malformations, hearing loss with, *1974:* Dec., 564
diagnostic problems, special procedures in, *1974:* Dec., **441–462**
foreign bodies in, *1974:* Dec., 528, 530, 531
inner, congenital anomalies, *1974:* Dec., **473–482**
malignant lesions of, *1974:* Dec., 428, **585–600**
middle, congenital anomalies, *1974:* Dec., **463–471**
posterior fossa, iophendylate examination, *1974:* Dec., **431–439**
radiology, in children, *1974:* Dec., **553–570**
symposium on, *1974:* Dec., **403–600**
tomography, basal projection, clinical correlations, *1974:* Dec., **419–430**
trauma of, *1974:* Dec., **527–532**
Eaton agent, *1973:* Aug., 320
Ebstein's anomaly, in newborns, *1975:* Aug., 267, 273–274
Echoes, gray scale, *1975:* Dec., 543
Echography, ocular and orbital, *1975:* Dec., **523–541**
in diagnosis of lesions of abdominal aorta and lymph nodes, *1975:* Dec., **557–572**
Ectopic pregnancy, angiography in, *1974:* April, 14, 60–64
ultrasonic detection, *1974:* April, 142–143
Edema, of the brain, in infants, *1975:* Aug., 207–212
Edge sign, on mammatherm, *1974:* April, 174, 179–181
Elbow, fractures of, *1973:* Dec., 678
osteotomy of, *1975:* April, 81
Embolism, fat, *1973:* Dec., 536
pulmonary, lung scanning in, *1973:* April, 223–228
EMI scanner, *1974:* Aug., 297–299
Emphysema, *1973:* April, 50–66
bullae in, *1973:* April, 88, 229
congenital lobar, in neonates, *1975:* Aug., 319–322
heart in, *1973:* April, 57
pulmonary vascular markings, *1973:* April, 58
radiologic diagnosis, accuracy of, *1973:* April, 68–70
severe panacinar, *1973:* April, 9–14
Empyema, pneumonia and, *1973:* Aug., 335, 336
Endocarditis, infective, *1973:* Aug., **415–442**
Endolymphatic hydrops. See *Meniere's disease.*
Endometriosis, *1974:* April, **109–125**
Endometrium, carcinoma of, lymphangiography in, *1974:* April, 88–89
Endotracheal intubation, in infants, problems with, *1973:* Dec., 646
Enema(s), barium, in neonatal duodental obstruction, *1975:* Aug., 298–299
in neonatal functional bowel obstruction, *1975:* Aug., 338
contrast, in infants, *1973:* Dec., 651, 652–653
Gastrografin, in neonatal ileal obstruction, *1975:* Aug., 306–307
Enterocolitis, necrotizing, in neonates, *1975:* Aug., 310–312
umbilical vein catheterization and, *1973:* Dec., 644

Eosinophilic granuloma, *1974:* Dec., 580
of skull, *1974:* Aug., 270
Epidermoid tumor, intramedullary, *1974:* Aug., 266, 267
of cerebellopontine angle, *1974:* Dec., 449, 456
of temporal bone, *1974:* Dec., 533
Epidural hematoma, *1974:* Aug., 339–340
Epiglottitis, *1973:* Aug., 266–268
Epiphysiodesis, in leg shortening, *1975:* April, 154
Epitympanic recess, tomographic anatomy, *1974:* Dec., 409, 422
Erosions, of skull, *1974:* Aug., **257–282**
Erythroblastosis fetalis, prenatal diagnosis, *1974:* April, 17–18
ultrasound and, *1975:* Dec., 454
Escherichia coli pneumonia, *1973:* Aug., 326
Esophagus, trauma to, *1973:* Dec., 564
Exostosis, of external auditory canal, *1974:* Dec., 535, 538
Eye, ultrasonic examination of, *1975:* Dec., **523–541**

FACE, trauma, stereo roentgenography in, *1973:* Dec., **683–696**
Facial nerve, anatomy of, *1974:* Dec., 405, 408–410, 413, 414
injuries, *1974:* Dec., 528, 531
skull fracture and, *1974:* Aug., 320
Farmer's lung, *1973:* Aug., 342–343, 355
Fat embolism, *1973:* Dec., 536
Femoral cerebral angiography, *1974:* Aug., 224, 235–238
Femoral head, aseptic necrosis, radiation-induced, *1974:* April, 106, 107
Femur, alteration of, for knee prosthesis, *1975:* April, 57–65
fractures of, *1973:* Dec., 672–673
head and neck replacements in, radiologic aspects of, *1975:* April, 45–53
osteotomies of, *1975:* April, 83–86
Fenestral otosclerosis, *1974:* Dec., 508–510
Ferguson method, in spinal curve measurement, *1975:* April, 116–118
Fetography, *1974:* April, 15–17
Fetus, abnormalities, antenatal diagnosis, *1974:* April, **13–27**
failure of progress of labor and, *1974:* April, 4
ultrasonic detection, *1974:* April, 143–145
attitude, abnormal, *1974:* April, 14
cranial bones, overlapping, *1974:* April, 31–32
death, prenatal detection, *1974:* April, 24, **29–35**
detection, ultrasonic, *1974:* April, 139–141
head trauma to, *1974:* Aug., 333–335
hydrops, prenatal diagnosis, *1974:* April, 17–18
intrauterine transfusion, *1974:* April, **37–58**
hazards of, *1973:* Dec., 634
intravascular gas, *1974:* April, 29–31
maturity, antenatal diagnosis, *1974:* April, 13–14
progression of labor and, *1974:* April, 4
position, abnormal, *1974:* April, 14
progression of labor and, *1974:* April, 4–6, 8–11
trauma to, iatrogenic, *1973:* Dec., 633–639
ultrasonic measurement of age and growth of, *1975:* Dec., 437–441
Fibroadenoma, of breast, thermography in, *1974:* April, 178
Fibroids, in pregnancy, *1975:* Dec., 446
Fibrosarcoma of chest wall, *1973:* April, 209
Fibula, osteotomy of, *1975:* April, 86–90
Filming, sequence in infant angiography, *1975:* Aug., 190–191
Fistula(s), genitourinary, pelvic radiation therapy and, *1974:* April, 105
tracheoesophageal, esophageal atresia and, *1975:* Aug., **277–295**
Fleischner's lines, *1973:* April, 90
Fluid, cerebrospinal, in neonatal obstructive hydrocephalus, *1975:* Aug., 376–378
subdural collection of, in infants, *1975:* Aug., 212–213
Fluoroscopy, in neonatal studies, *1975:* Aug., 172–173
in pericardial effusion, *1973:* Aug., 397
Foot, injuries, in athletes, *1973:* Dec., 658–660
osteotomy of, *1975:* April, 90
Foramen magnum, lateral fissures of, *1973:* Dec., 480–482
Foreign body, in ear, *1974:* Dec., 528, 530–531
Fractures, postarthroplasty, *1975:* April, 10–13
skull, in children, *1974:* Aug., 335–339
neurologic sequelae, *1974:* Aug., 317–331
reduction of, *1973:* Dec., **667–681**
Franceschetti syndrome, *1974:* Dec., 469, 470
Fraunhofer zone, diagnostic ultrasound and, *1975:* Dec., 400–401
Fresnel zone, diagnostic ultrasound and, *1975:* Dec., 399–400
Frontal bone, fractures, stereo roentgenography in, *1973:* Dec., 687
Frost hip prosthesis, *1975:* April, 36–37
Fungal endocarditis, *1973:* Aug., 436–440
Fungal infections, pulmonary, *1973:* Aug., **153–173,** 313
Fungal pneumonias, *1973:* Aug., 273, 277
opportunistic, *1973:* Aug., 363, 368

GAENSLEN-SMITH hip prosthesis, *1975:* April, 34, 35
Gallbladder, ultrasonic examination of, *1975:* Dec., **543–556**
Gas, intrafetal, fetal death and, *1974:* April, 29–31
intramural, in neonatal necrotizing enterocolitis, *1975:* Aug., 310–312
Gastrografin enema, in neonatal ileal obstruction, *1975:* Aug., 306
Gastrointestinal tract, complications of cervical radiotherapy, *1974:* April, 99, 102–103
contrast studies in infants, *1973:* Dec., 651–655
endometriosis of, *1974:* April, 112, 115–117
fetal abnormalities, prenatal diagnosis, *1974:* April, 22
trauma to, blunt, *1973:* Dec., **561–578**
Gastroschisis, in neonates, *1975:* Aug., 312–313
Gastrostomy, for esophageal atresia, in newborns, *1975:* Aug., 277
Genital system, female, tumors of, lymphangiography in, *1974:* April, **79–92**
Genitourinary tract, pelvic radiation therapy and, *1974:* April, 103–106
trauma to, *1973:* Dec., **593–631**
Geometric knee prosthesis, *1975:* April, 62–65
Giant cell tumors of skull, *1974:* Dec., 576, 577
Glands. See names of specific glands.
Glaserian fissure, tomographic anatomy, *1974:* Dec., 413, 414
Glioblastoma, computerized tomography in, *1974:* Aug., 302
parasagittal, *1974:* Aug., 247, 255

Glioma, ganglionic, *1974:* Aug., 251
Glomus jugulare tumors, *1974:* Dec., **543–551,** 578
Glomus tympanicum tumors, *1974:* Dec., **543–551**
Goiter, ultrasonic detection of, *1975:* Dec., 488
Gold, radioactive colloidal, therapy with, *1974:* April, 161–163
Goodpasture's syndrome, *1973:* Aug., 341
Grafts, bone, radiology of, *1975:* April, **67–77**
Granuloma, eosinophilic, *1974:* Dec., 580
of skull, *1974:* Aug., 270
pulmonary, solitary localized, *1973:* April, 144
Granulomatous disease of lungs, *1973:* Aug., **295–315**
Gravitational pneumonia, *1973:* Aug., 318–319, 327, 331
Gray scale. See *Ultrasound.*
Great vessels, trauma to, *1973:* Dec., **543–554**
Gynecology, nuclear medicine procedures in, *1974:* April, **147–165**
ultrasonography in, *1974:* April, **127–146;** *1975:* Dec., **457–466**

HALO sign, Deuel's, *1974:* April, 32–34
Hand-Schuller-Christian disease, *1974:* Aug., 278; Dec., 580
Harris hip prosthesis, *1975:* April, 37, 39–40
Head(s), large, and large ventricles, in infants, *1975:* Aug., **199–224**
misshapen, in infants, *1975:* Aug., 213
trauma, *1973:* Dec., **479–503**
in children, *1974:* Aug., 333–342
neurologic sequelae, *1974:* Aug., **315–331**
normal pressure hydrocephalus in, *1974:* Aug., 356
radionuclide evaluation, *1973:* Dec., 461–466
tumors, posterior fossa, angiography in, *1974:* Aug., 381–387
Hearing, impaired, with otosclerosis, *1974:* Dec., 505
loss, congenital malformations and, *1974:* Dec., 564
Heart, congenital disease of, chest analysis in neonate with, *1975:* Aug., **251–276**
infective endocarditis in, *1973:* Aug., 440
inflammatory, *1973:* Aug., **415–442**
radiotherapeutic procedures, *1973:* April, 121–122
failure, congestive, *1973:* April, 232–233
pulmonary disease and, *1973:* Aug., 301
left, redistribution of blood flow in, *1973:* April, 30
lung disease with, *1973:* April, 36–40
neonatal, acyanotic anomalies of, *1975:* Aug., 259–260
cyanotic anomalies of, *1975:* Aug., 260, 265
egg-shaped, *1975:* Aug., 254, 260, 264, 266
radionuclide study of, *1975:* Aug., 378
roentgen appearance, in emphysema, *1973:* April, 57
sarcoid of, *1973:* Aug., 287
septal defect, redistribution of blood flow in, *1973:* April, 30
transplantation, pulmonary infection after, *1973:* April, 178, 181, 182, 184, 185
valves. See names of valves.
Hemangioma, cavernous, of skull, *1974:* Aug., 268
of chest wall, *1973:* April, 209–210
of temporal bone, *1974:* Dec., 535, 538
retrobulbar, *1972:* April, 32
Hematoma, abdominal, ultrasound in detection of, *1975:* Dec., 460
brain, computerized tomography in, *1974:* Aug., 306–308
intracerebral, neonatal, *1975:* Aug., 207
Hematoma (*Continued*)
perirenal, *1975:* Dec., 430–431
pulmonary, *1973:* Dec., 533–535
skull, in children, *1974:* Aug., 339–340
subdural, brain scan in, *1973:* Dec., 462–463
chronic juvenile, *1974:* Aug., 273, 275
neonatal, *1975:* Aug., 213
brain scan for, *1975:* Aug., 370, 372
subgaleal, neonatal, *1975:* Aug., 213
Hemiatrophy, cerebral, *1974:* Aug., 340
Hemorrhage, cerebral, computerized tomography in, *1974:* Aug., 306–308
gastrointestinal, in neonates, *1975:* Aug., 314
pulmonary, after transcatheter lung biopsy, *1973:* Aug., 390
subarachnoid, *1974:* Aug., 245
subdural, brain scan in, *1973:* Dec., 462–463
Hemothorax, *1973:* Dec., 528, 530, 531
Hernia, diaphragmatic, and eventration, in neonates, *1975:* Aug., 316–319
hiatus, with neonatal gastroesophageal reflux, *1975:* Aug., 315
inguinal, in neonatal ileal obstruction, *1975:* Aug., 307–308
Hip, congenital dislocation of, surgical procedures for, *April,* **123–137**
fractures of, *1973:* Dec., 672–673
total, arthroplasty of, radiology in, *1975:* April, **3–19**
atlas of prostheses, *1975:* April, **21–44**
Hirschsprung's disease, in neonates, *1975:* Aug., 308–310, 331–332, 338–340
Histiocytosis X, eosinophilic granuloma with, *1974:* Aug., 270
skull changes in, *1974:* Aug., 278
temporal bone lesions of, *1974:* Dec., 580
Histoplasmosis, *1973:* April, **163–168;** Aug., 273
pulmonary calcifications after, *1973:* Aug., 303–304
Hodgkin's disease, lymph node enlargement in, *1975:* Dec., 565–570
pulmonary infection after, *1973:* April, 182, 183
Host defense, altered, pulmonary opportunistic inflammatory disease and, *1973:* Aug., **357–369**
Human placental lactogen, radioimmunoassay, *1974:* April, 153
Humerus, proximal, osteotomy of, *1975:* April, 81
Humidifier lung, *1973:* Aug., 343
Hyaline membrane disease, "relapsing," *1973:* Dec., 646
Hydatidiform mole, *1974:* April, 61, 66, 68
prenatal diagnosis, *1974:* April, 22, 24
ultrasonic diagnosis of, *1975:* Dec., 449–452
Hydranencephaly, neonatal, *1975:* Aug., 213, 220–221
Hydrocephalus, computerized tomography in, *1974:* Aug., 306
fetal, ultrasonic detection of, 1975: Dec., 452
neonatal, *1975:* Aug., 204–208
brain scan for, *1975:* Aug., 376
large ventricles and, *1975:* Aug., 217–218
normal pressure, *1974:* Aug., **353–369**
posterior fossa angiography in, *1974:* Aug., 387–388
ultrasonic detection, *1974:* April, 143
Hydrometrocolpos, neonatal, *1975:* Aug., 354
Hydropneumopericardium, *1973:* Aug., 395
Hydrops fetalis, prenatal diagnosis, *1974:* April, 17–18
Hydrothorax, neonatal, *1975:* Aug., 328
Hypernephroma, *1975:* Dec., 424
Hyperparathyroidism, primary, skull changes, *1974:* Aug., 282
Hypersensitivity pneumonias, *1973:* Aug., **339–356**

Hyperthyroidism, during pregnancy, *1974:* April, 150–153
Hypoplasia, pulmonary, in neonatal diaphragmatic hernia, *1975:* Aug., 316–319
Hypotympanum, tomographic anatomy, basal projection, *1974:* Dec., 425

ILEUM, obstruction of, in neonates, *1975:* Aug., 304–307
Ileus, meconium, in neonates, *1975:* Aug., 305–307
spinal, *1973:* Dec., 574
Iliopsoas, muscle transfer procedures, *1975:* April, 142–145
Ilium, osteotomy of, *1975:* April, 82
pericapsular osteotomy of, *1975:* April, 129
Image enhancement, magnification and subtraction techniques, *1974:* Aug., **241–256**
Imaging, B-scan, manual, *1975:* Dec., 404
70 millimeter, during pneumoencephalography and ventriculography, *1975:* Aug., 177
Immobilization, infant, for roentgenography, *1975:* Aug., 175–179
Immune complex disease, *1973:* Aug., 341
Immune mechanisms, in hypersensitivity pneumonias, *1973:* Aug., 340–342
Immunity, altered, pulmonary infection and, *1973:* April, **175–190**
Immunotherapy, pneumonias after, *1973:* Aug., 276–277
pulmonary opportunistic inflammatory disease and, *1973:* Aug., **357–369**
Impedance, acoustic, in diagnostic ultrasound, *1975:* Dec., 394–395
Incudomalleal joint, dislocations, *1974:* Dec., 428, 429
Incus, tomography, anatomy, *1974:* Dec., 409, 413, 414
trauma to, *1974:* Dec., 529
Infant. See also *Neonate, Newborn.*
oxygen toxicity in, *1973:* Dec., 648
trauma to, iatrogenic, *1973:* Dec., 633–656
Infection, cranial, *1974:* Aug., 278
in femoral head replacement, *1975:* April, 53
postarthroplasty, *1975:* April, 11, 16
pulmonary, *1973:* April, 88
altered immunity and, *1973:* April, **175–190**
respiratory care and, *1973:* April, 105
Infective endocarditis, *1973:* Aug., **415–442**
Inflammatory disease, cardiopulmonary, symposium on, *1973:* Aug., **261–442**
pulmonary, opportunistic, *1973:* Aug., **357–369**
Influenza virus infections, pneumonia after, *1973:* Aug., 272, 333
Injury(ies), in athletes, *1973:* Dec., **657–665**
Inner ear, congenital anomalies, *1974:* Dec., **473–482**
Inspiration/expiration radiographs, studies of, *1973:* April, **3–16**
Inspissated bowel contents, obstruction due to, in neonates, *1975:* Aug., 307
Intensive care, respiratory, *1973:* April, **93–107**
Intestine(s), complications of cervical radiotherapy, *1974:* April, 99, 102–103
endometriosis of, *1974:* April, 112, 115–117
trauma to, angiography in, *1973:* Dec., 587
seat belts and, *1973:* Dec., 569–571
Intracranial lesions, *1974:* Aug., 273–276
Intraductal papilloma, mammatherm in, *1974:* April, 176, 181, 182
Intrauterine device, ultrasonic localization of, *1974:* April, 129
Intrauterine fetal transfusion, *1973:* Dec., 634–635; *1974:* April, **37–58**
Intravenous pyelography, in infants, *1973:* Dec., 651
Intubation, hazards of, *1973:* April, 94–99; Dec., 646
Iophendylate examination of posterior fossa, *1974:* Dec., **431–439**
Ischemia, cerebral, atherosclerosis and, *1974:* Aug., 343
neonatal, brain scan for, *1975:* Aug., 370, 373–374
Ischioacetabular angle, in hip prosthesis, *1975:* April, 43
IVP. See *Pyelography, intravenous.*

JAUNDICE, ultrasonic diagnosis of, *1975:* Dec., 550–551
Jejunum, obstruction of, in neonates, *1975:* Aug., 302–304
Jugular bulb, anomalies, *1974:* Dec., 464
Jugular fossa, cholesteatoma of, *1974:* Dec., 535, 536
large, *1974:* Dec., 578
tomographic anatomy, *1974:* Dec., 413, 414
Jugular tubercle, tomographic anatomy, *1974:* Dec., 410, 413

KERATOSIS obturans, *1974:* Dec., 571
Kerkring's process, *1973:* Dec., 483
Kerley's lines, *1973:* April, 83, 88
Kidney, cyst, neonatal, *1975:* Aug., 346–347
ultrasonically guided puncture of, *1975:* Dec., 496–499
endometriosis of, *1974:* April, 121
failure, cardiopulmonary manifestations, *1973:* April, 29–31
transplant, pulmonary infection after, *1973:* April, 178, 183–185
trauma, *1973:* Dec., 593–610
radionuclide scanning in, *1973:* Dec., 466–467
ultrasonic examination of, *1975:* Dec., **417–434**
Klebsiella pneumonia, *1973:* Aug., 275, 321, 323
Knee, fractures, *1973:* Dec., 673–675
recently developed prostheses for, radiology of, *1975:* April, **57–66**
Körner's septum, tomographic anatomy, *1974:* Dec., 411, 412
Kyphosis, adolescent, *1975:* April, 105–107

LABOR, and delivery, fetal trauma with, *1973:* Dec., 635–639; *1974:* Aug., 333–325
failure of progression, roentgen signs, *1974:* April, **3–12**
Labyrinthine capsule, otosclerosis of, *1974:* Dec., **505–515**
Labyrinthitis, 1974: Dec., 575, 576
Lactogen, human placental, radioimmunoassay, *1974:* April, 153
Larsen's syndrome, scoliosis and, *1975:* April, 105
Laryngotracheobronchitis, *1973:* Aug., 266–268
Leg fractures, *1973:* Dec., 675–676
lengthening and shortening procedures for, *1975:* April, 151, 153–156
Leopold's maneuver, *1974:* April, 38
Leptomeningeal cyst, *1974:* Aug., 271, 336
skull trauma and, *1974:* Aug., 323, 331

Lesions, abdominal aortal and lymph node, echography in diagnosis of, *1975:* Dec., **557–572**
spinal cord, *1975:* April, 104–105
Letterer-Siwe disease, *1974:* Dec., 503, 580
Leukemia, pulmonary disease with, infections, *1973:* April, 186–189
opportunistic, *1973:* Aug., 362, 363, 365
Ligament(s), craniocervical, *1973:* Dec., 512
Limbs, lengthening and shortening of, *1975:* April, 91
Lipoma of chest wall, *1973:* April, 208–209
Lippmann-Cobb method, in spinal curve measurement, *1975:* April, 116–118
cystic lesions of, ultrasound and, *1975:* Dec., 548
Liver, lesions of, ultrasonically guided puncture of, *1975:* Dec., 499
mass renal, *1975:* Dec., 421–425
metastases to, scanning for, *1974:* April, 157–158
neonatal, radionuclide angiogram of, *1975:* Aug., 378
trauma to, *1973:* Dec., 574
angiography in, *1973:* Dec., 586–590
radionuclide scanning in, *1973:* Dec., 467
ultrasonic examination of, *1975:* Dec., **543–556**
Loosening, in femoral head replacements, *1975:* April, 50, 52–53
Lordosis, *1975:* April, 107–110
Lung(s). See also *Pulmonary.*
abscess, *1973:* Aug., 307
air-trapping, *1973:* April, 4
biopsy, percutaneous needle, *1973:* Aug., 384–389
radiologic techniques in, *1973:* Aug., **382–392**
transcatheter, *1973:* Aug., 382–384
blood flow, redistribution of causes, *1973:* April, 28–36
carcinoma, cavitation with, *1973:* Aug., 308, 380
mammatherm in, *1974:* April, 183
radiation treatment for, *1973:* April, **243–255**
vs. pneumonia, *1973:* Aug., 377–379
compartmental theory, *1973:* April, 25
compliance, radiographic suggestion of, *1973:* April, 6–7
contusion, *1973:* Dec., 528, 532
diseases. See also names of diseases, as *Emphysema.*
diagnosis, nuclear medicine in, *1973:* April, **215–241**
fungal, *1973:* April, **153–173**
granulomatous, *1973:* Aug., **295–315**
heart failure with, *1973:* April, 36–40
inflammatory, bronchographic criteria, *1973:* Aug., **371–382**
opportunistic, *1973:* Aug., **357–369**
obstructive, chronic, *1973:* April, 49–75
congestive heart failure and, *1973:* Aug., 301
roentgen diagnosis, therapeutic, *1973:* April, 120–121
endometriosis of, *1974:* April, 121
farmer's, *1973:* Aug., 342–343, 355
fibrosis of, in sarcoidosis, *1973:* Aug., 288
hematoma of, *1973:* Dec., 533–535
infections, *1973:* Aug., **261–278**
altered immunity and, *1973:* April, **175–190**
fungal, *1973:* Aug., **153–173,** 313
hypoplastic, in neonatal diaphragmatic hernia, *1975:* Aug., 316–319
injury, traumatic, *1973:* Dec., **527–541**
insufficiency, post-traumatic, *1973:* Dec., 538–541
interlobar fissures, on chest radiograph, *1973:* April, 79–83
interlobar septa, on chest radiograph, *1973:* April, 83, 88
Lung(s) (*Continued*)
interstitial pressure, *1973:* April, 26
neonatal, cysts of, *1975:* Aug., 322–324
distribution of fluid and atelectasis in, *1975:* Aug., 228–229
neoplasia, bronchographic diagnosis, *1973:* April, 129–135
parenchyma, in sarcoidosis, *1973:* Aug., 282, 286
perfusion scans, *1973:* April, 215–218
physiology, plain radiograph and, *1973:* April, **3–16**
sarcoidosis of, *1973:* Aug., **279–294**
scanning, computers and, *1973:* April, 235–236
transthoracic needle biopsy, *1973:* April, 116–117
tumor of, transcatheter biopsy in, *1973:* Aug., 387
vasculature, roentgen visualization of, *1973:* April, 18–23
ventilation/perfusion, *1973:* April, 22–26
ventilation/perfusion ratio, *1973:* April, 42–43
ventilation studies, radioactive gases for, *1973:* April, 218
water, roentgen assessment, *1973:* April, 40–42
Lupus erythematosus, systemic, endocarditis with, *1973:* Aug., 434
Lymphadenopathy, intrathoracic, in sarcoidosis, *1973:* Aug., 282–285
Lymphangiography, in female genital tumors, *1974:* April, **79–92**
Lymphosarcoma, pulmonary infection with, *1973:* April, 180
Lymph nodes, lesions of, echographic diagnosis of, *1975:* Dec., **557–572**

MAGNIFICATION, for image enhancement, *1974:* Aug., 241–248
Malformations, anorectal, neonatal, *1975:* Aug., 308–309
Malleus, tomographic anatomy, *1974:* Dec., 409, 413, 414
trauma to, *1974:* Dec., 529
Malrotation, jejunal and ileal, in neonates, *1975:* Aug., 302–304
Mammathermography, *1974:* April, **167–188**
Mammography, *1974:* April, **189–203**
Mandibulofacial dysostosis, *1974:* Dec., 469
Masses, mediastinal, neonatal, *1975:* Aug., 325–328
pelvic, ultrasound and, *1975:* Dec., 458
renal, ultrasonic appearances of, *1975:* Dec., 421–425
Mastoid, aeration, in children, *1974:* Dec., 555
cholesteatoma of, *1974:* Dec., 533
lesions of, malignant, *1974:* Dec., 586–588, 595–597
radiolucent, *1974:* Dec., 572–574
Mastoid antrum, tomographic anatomy, *1974:* Dec., 411
Mastoid bone, roentgen examination, *1974:* Aug., 221
Mastoid sutures, *1973:* Dec., 492, 494
Mastoiditis, acute *1974:* Dec., 492–494
in children, *1974:* Dec., 557, 558
Maxilla, fractures, stereo roentgenography in, *1973:* Dec., 690–693
McBride-Moore hip prosthesis, *1975:* April, 35
McKee-Farrar hip prosthesis, *1975:* April, 3–4, 27, 31
McLeod's syndrome, *1973:* April, 4
Meconium ileus, in neonates, *1975:* Aug., 305–307
Meconium plug syndrome, in neonates, *1975:* Aug., 332–340
Mediastinoscopy, *1973:* April, 117–120

Mediastinum, shift of, in neonates with acute surgical conditions, *1975:* Aug., 316
Megalencephaly, neonatal, *1975:* Aug., 208–212
Melanoma, metastatic to lungs, *1973:* Aug., 299
Mendosal sutures, *1973:* Dec., 482, 486
Meniere's disease, vestibular aqueduct in, *1974:* Dec., **517–525**
Meningeal artery, injury, *1974:* Aug., 324
Meningioma, *1974:* Aug., 268
cerebellar convexity, *1974:* Aug., 252
computerized tomography in, *1974:* Aug., 300
of cerebellopontine angle, *1974:* Dec., 450, 457
of petrous pyramid, *1974:* Dec., 578
of temporal bone, *1974:* Dec., 539
parasagittal, *1974:* Aug., 269
tentorial, *1974:* Aug., 398
Meningitis, neonatal, brain scan for, *1975:* Aug., 370–371
large ventricles and, *1975:* Aug., 220
Meningocele, *1974:* Aug., 266
Meningoencephalocele, *1974:* Aug., 266
Metal, use of, in hip prostheses, *1975:* April, 3–4, 23–36
Metastatic disease, cerebral, *1974:* Aug., 244, 278
computerized tomography in, *1974:* Aug., 303
in carcinoma of cervix, *1974:* April, 95–97, 99
Methyl methacrylate, in hip prostheses, *1975:* April, 3–4, 11
in knee prostheses, *1975:* April, 57–62
Middle ear, adenoma of, *1974:* Dec., 534
cholesteatoma of, *1974:* Dec., 533
congenital anomalies, *1974:* Dec., **463–471**
infection, in children, *1974:* Dec., 557
lesions of, malignant, *1974:* Dec., 586–588, 588–591
radiolucent, *1974:* Dec., 572–574
Midgut volvulus, neonatal, *1975:* Aug., 302–304
Missed abortion, *1974:* April, 61, 64–65; *1975:* Dec., 449
Mitral valve, infection, *1973:* Aug., 418–420
pulmonary blood pressures in, *1973:* April, 28
M-mode scanning, ultrasonic, *1975:* Dec., 403–404
Molar pregnancy, ultrasonic detection, *1974:* April, 141–142
Molding, of newborn skull, *1973:* Dec., 640; *1974:* Aug., 333–335
Mole, hydatidiform, ultrasonic diagnosis of, *1975:* Dec., 449–452
Mondini malformation, *1974:* Dec., 478
Monstrosity, prenatal diagnosis, *1974:* April, 20
Multiple myeloma, *1974:* Dec., 581
of skull, *1974:* Aug., 281, 282
Multiple pregnancy, ultrasonic detection, *1974:* April, 138
Muscle tone, fetal, loss, *1974:* April, 34
Mycobacteria infections, atypical, *1973:* April, **191–196**
Mycoplasma pneumoniae infection, *1973:* Aug., 270–272, 320, 329
Myelodysplasia, scoliosis and, *1975:* April, 96–97
Myelography, neonatal, *1975:* Aug., 193–194
Myeloma, malignant, of rib, *1973:* April, 202
Myelomeningocele, prenatal diagnosis, *1974:* April, 22 23
scoliosis and, *1975:* April, 96–97

Neck, trauma to, *1973:* Dec., **505–526**
neurologic sequelae, *1974:* Aug., 315–316
wry, *1973:* Dec., 521–523
Necrosis, acute medullary, in neonates, *1975:* Aug., 344–345
acute tubular, in neonates, *1975:* Aug., 345
Needle(s), femoral puncture, in pediatric angiography, *1975:* Aug., 183–184
trephine, in biopsy of bone, *1975:* April, 158–161
Needle biopsy, of bone, *1975:* April, **157–164**
Neonate, acute abdominal and thoracic surgical conditions in, *1975:* Aug., **297–329**
congenital heart disease in, analysis of, *1975:* Aug., **251–276**
esophageal atresia and tracheoesophageal fistula in, *1975:* Aug., **277–295**
evaluation of urinary tract in, *1975:* Aug., **359–368**
functional immaturity of large bowel in, *1975:* Aug., **331–342**
large heads and ventricles in, *1975:* Aug., **199–224**
nuclear medicine and, *1975:* Aug., **369–383**
radiological examination of, *1975:* Aug., **171–179**
respiratory distress in, distribution of atelectasis and fluid and, *1975:* Aug., **225–250**
urinary obstruction in, *1975:* Aug., **343–358**
Neoplasm, dural, or infiltrations, neonatal, *1975:* Aug., 213
intracerebral, neonatal, *1975:* Aug., 207–209
Nerve(s), cranial, cerebellopontine angle lesions and, *1974:* Dec., 448
neuromas, *1974:* Dec., 578
palsy, skull fracture and, *1974:* Aug., 319–320
facial, anatomy of, *1974:* Dec., 405, 408–410, 413, 414
injuries, *1974:* Dec., 528, 531
skull fractures and, *1974:* Aug., 320
Neurinoma, of temporal bone, *1974:* Dec., 539
Neuroangiography, neonatal, catheter in, *1975:* Aug., 182–189
Neuroblastoma, in neonates, *1975:* Aug., 326
Neurofibroma, of chest, *1973:* April, 211
Neurofibromatosis, of petrous bone in children, *1974:* Dec., 569
skull changes, *1974:* Aug., 273
Neurologic disorders, after head injury, *1974:* Aug., **315–331**
ultrasound in, *1974:* Aug., **283–295**
Neuroma, acoustic. See *Acoustic neuroma.*
cranial nerve, *1974:* Dec., 578
Neuromuscular disease, orthopedic procedures in, *1975:* April, **139–156**
spinal curves and, *1975:* April, 99–100
Neuroradiology, *1974:* Aug., **211–213**
department of, role in neonatal radiology, *1975:* Aug., 174–179
Newborn. See also *Infants.*
pulmonary infections in, *1973:* Aug., 262–270
Nocardia asteroides pneumonia, *1973:* Aug., 276
Nocardiosis, opportunistic, *1973:* Aug., 361, 363–365
Nosocomial infections, pulmonary, *1973:* Aug., 274–275, 318
Nuclear medicine, in diagnosis of lung disease, *1973:* April, **215–241**
in obstetrics and gynecology, *1974:* April, **147–165**
use of, in neonatal diseases, *1975:* Aug., 369–383

Obstetrics, nuclear medicine procedures in, *1974:* April, **147–165**
ultrasonography in, *1974:* April, **127–146;** *1975:* Dec., 435–455

Obstruction, abdominal, neonatal, *1975:* Aug., 297–310
bowel, functional, neonatal, *1975:* Aug., **331–342**
infundibular, neonatal, *1975:* Aug., 348–349
ureteral, neonatal, *1975:* Aug., 350–353
urethral, neonatal, *1975:* Aug., 354–356
urinary, neonatal, *1975:* Aug., **343–358**
Occipital sutures, in evaluation of head trauma, *1973:* Dec., 479–489
Occipito-atlanto-axial segment, trauma to, *1973:* Dec., **505–526**
Olfactory nerve, trauma to, *1974:* Aug., 318
Oligohydramnios, *1974:* April, 15–17
Omphalocele, in neonates, *1975:* Aug., 312–313
Ophthalmology, ultrasound in, *1975:* Dec., **523–541**
Opportunistic infections, pulmonary, *1973:* Aug., **357–369**
transcatheter biopsy in, *1973:* Aug., 388
Optic nerve, trauma to, *1974:* Aug., 319
Orbits, fractures, stereo roentgenography in, *1973:* Dec., 687
Orthopedics, procedures in, for neuromuscular disease, *1975:* April, **139–156**
radiology in, symposium on, *1975:* April, **1–164**
Orthostatic apical anemia, *1973:* April, 18
Oscilloscope, in B-scan ultrasound, *1975:* Dec., 404
Ossicles, congenital anomalies, *1974:* Dec., 468
disclocations, *1974:* Dec., 532
traumatic, *1974:* Dec., 428, 429
tomographic anatomy, *1974:* Dec., 411, 413, 414
trauma to, *1974:* Dec., 529, 532
Ossification, heterotopic, in femoral head and neck replacement, *1975:* April, 53
with total hip prosthesis, *1975:* April, 10
Osteoma, of ear, *1974:* Dec., 535, 537
of petrous bone in children, *1974:* Dec., 568
Osteomyelitis, cranial, *1974:* Aug., 278–280
Osteoporosis circumscripta, of skull, *1974:* Aug., 273, 275
Osteotomy, *1975:* April, **69–92**
Chiari, *1975:* April, 135–136
combined wedge and rotational subtrochanteric, *1975:* April, 136
rotational, of hip, for excessive anteversion, *1975:* April, 125
Salter, of innominate bone, for subluxation, *1975:* April, 129–131
Otitis externa, malignant, *1974:* Dec., 571
Otitis media, chronic, complicated, *1974:* Dec., 495, 497
Otonello's technique, *1973:* Dec., 505
Otorrhea, brain scan evaluation, *1973:* Dec., 465
Otosclerosis, fenestral and cochlear, *1974:* Dec., **505–515**
Oval window, aplasia, *1974:* Dec., 476, 477
tomographic anatomy, *1974:* Dec., 410, 412
Ovary(ies) carcinoma of, lymphangiography in, *1974:* April, 89, 91
cysts of, ultrasonic scan of, *1974:* April, 130
endometrioma of, *1974:* April, 111–112, 114, 120
Ovum, blighted, 1975: Dec., 449
Oxygen toxicity, *1973:* April, 100–103
in infants, *1973:* Dec., 648

PACCHIONIAN impressions, *1974:* Aug., 262, 263
Pacemaker(s), infective endocarditis and, *1973:* Aug., 432
Paget's disease, protruding hip prostheses in, *1975:* April, 49–50
skull angiograms in, *1974:* Aug., 253
skull changes in, *1974:* Aug., 273
Pancreas, annular, in neonatal duodenal obstruction, *1975:* Aug., 302
lesions of, ultrasonically guided puncture of, *1975:* Dec., 499–501
trauma to, *1973:* Dec., 574
angiography in, *1973:* Dec., 587, 590
radionuclide scanning in, *1973:* Dec., 472
ultrasonic examination of, *1975:* Dec., **467–478**
Papilloma, intraductal, mammatherm in, *1974:* April, 176
Parietal foramina, congenital, *1974:* Aug., 263, 264
Parietal star, *1974:* Aug., 261
Pedicle method, of determining vertebral rotation, *1975:* April, 118–120
Pelvis, masses in, ultrasound and, *1975:* Dec., 458
osteotomy of, *1975:* April, 82–83
trauma to, angiography in, *1973:* Dec., 587, 591
Pemberton acetabuloplasty, for acetabular dysplasia, *1975:* April, 125–129
Pentamidine, for Pneumocystis carinii pneumonia, *1973:* Aug., 359
Percutaneous puncture, ultrasonically guided, *1975:* Dec., **493–503**
Perforation, gastrointestinal, neonatal, *1975:* Aug., 313
Pericardial effusion, echocardiographic diagnosis, *1973:* Aug., **407–412**
roentgen diagnosis, *1973:* Aug., **393–407**
tuberculous, *1973:* Aug., 402, 407
Pericardial stripe, widening of, *1973:* Aug., 397
Pericardiocentesis, *1973:* April, 121
Peritoneal lavage, diagnostic, *1973:* Dec., 558
Petrositis, acute, *1974:* Dec., 494, 495
apical, *1974:* Dec., 575
Petrotympanic fissure, tomographic anatomy, *1974:* Dec., 413
Petrous bone, fractures, in children, *1974:* Dec., 559–561
infection, in children, *1974:* Dec., 557–559
malignant lesions of, *1974:* Dec., 586–588
tumors, in children, *1974:* Dec., 564
Petrous pyramid, cholestatoma of, *1974:* Dec., 533, 534, 535
lesions of, radiolucent, *1974:* Dec., 574
meningioma of, *1974:* Dec., 540
tumors of, *1974:* Dec., 488
Phimosis, neonatal, *1975:* Aug., 355
Phosphate, colloidal chromic, therapy with, *1974:* April, 161–163
Phycomycosis, *1973:* Aug., 368
Pigeon breeder's disease, *1973:* Aug., 346, 349–351
Pinealoma, *1974:* Aug., 394
Pituitary adenoma, *1974:* Aug., 397
Placenta, localization, radionuclide, *1974:* April, 147–151
ultrasonic, *1974:* April, 133–138; *1975:* Dec., 441–443
Placenta praevia, *1974:* April, 14
failure of progress of labor and, *1974:* April, 4
Plastic, use of, in hip prostheses, *1975:* April, 23–27
Plate atelectasis, *1973:* April, 90
Pleural effusion, *1973:* Dec., 528
interstitial lung pressures and, *1973:* April, 32
metastatic disease and, radiocolloid therapy in, *1974:* April, 161–163
pneumonia and, *1973:* Aug., 335

Pneumococcal endocarditis, *1973:* Aug., 418
Pneumococcal pneumonia, *1973:* Aug., 324–325, 328
in adults, *1973:* Aug., 274
in children, *1973:* Aug., 269
Pneumocystis carinii pneumonia, *1973:* Aug., 276
altered host defense and, *1973:* Aug., 358–361
Pneumoencephalography, in normal pressure hydrocephalus, *1974:* Aug., 354
infant immobilization during, *1975:* Aug., 175–179
neonatal, *1975:* Aug., 194–196
of posterior cranial fossa, *1974:* Dec., 441–442
Pneumocephalus, traumatic, *1974:* Aug., 340
Pneumonia(s), aspiration, *1973:* Aug., 275–276,327–328, 334–335
bacterial, *1973:* Aug., **317–338.** See also specific pathogens.
anaerobic, *1973:* Aug., 275–276
in children, *1973:* Aug., 262–264, 268–270
opportunistic, *1973:* Aug., 361
postinfluenzal, *1973:* Aug., 272, 333
complications of, *1973:* Aug., 335–337
congenital, *1973:* Aug., 262–263
cytomegalovirus, *1973:* April, 179; Aug., 262, 276
desquamative interstitial, *1973:* Aug., 330–331
diagnosis of, *1973:* Aug., **261–278**
fungal, *1973:* Aug., 273, 277
opportunistic, *1973:* Aug., 363, 368
gravitational, *1973:* Aug., 318–319, 327, 331
hypersensitivity, *1973:* Aug., **339–356**
in children, *1973:* Aug., 268–272
Klebsiella, *1973:* Aug., 275, 321, 323
lower lobe, *1973:* Aug., 326–331
nocardial, *1973:* Aug., 276
pneumococcal, *1973:* Aug., 324–325, 328
in adults, *1973:* Aug., 274
in children, *1973:* Aug., 269
Pneumocystis carinii, *1973:* Aug., 276
altered host defense and, *1973:* Aug., 358–361
postinfluenzal, *1973:* Aug., 272, 333
Pseudomonas aeruginosa, *1973:* Aug., 275
staphylococcal, *1973:* Aug., 327, 329, 332
hospital-acquired, *1973:* Aug., 274–275
in children, *1973:* Aug., 269
upper lobe, *1973:* Aug., 331–333
varicella, *1973:* Aug., 333–335
viral, *1973:* Aug., **317–338**
in children, *1973:* Aug., 269
vs. pulmonary carcinoma, *1973:* Aug., 377–379
Pneumothorax, *1973:* Dec., 528, 529
after lung biopsy, *1973:* Aug., 389–390
catemenial, *1974:* April, 122–124
Polycentric knee prosthesis, *1975:* April, 57–62
Polycystic disease, infantile, *1975:* Aug., 348–349
Polyethylene, in hip prostheses, *1975:* April, 5
Polyhydramnios, *1974:* April, 15–17; *1975:* Dec., 446
Pontine glioma, *1974:* Aug., 244
Porencephaly, *1974:* Aug., 273
Posterior cranial fossa, anatomy, *1974:* Dec., 441–448
angiography, *1974:* Aug., **371–400**
iophendylate examination, *1974:* Dec., **431–439**
Posture, pulmonary blood distribution and, *1973:* April, 23
Pregnancy, ectopic, *1974:* April, 14, 60–64, 142–143
ultrasound in detection of, *1975:* Dec., 463
multiple, failure of progression of labor with, *1974:* April, 4, 5, 6
prenatal detection, *1974:* April, 24–25
ultrasound in diagnosis of, *1975:* Dec., 443
pathologic, angiography of, *1974:* April, **59–77**
Pregnancy (*Continued*)
thyroid disorders in, *1974:* April, 150–153
ultrasonic scanning in, *1974:* April, 131–146; *1975:* Dec., 435–455
Prematurity, intrauterine transfusion and, *1974:* April, 55
Prenatal trauma, iatrogenic, *1973:* Dec., 633–635
Probes, ultrasonic, *1975:* Dec., 405–407
Prostate, ultrasonic examination of, *1975:* Dec., 418–419, 421, 432–433
Prostheses. See also under specific types.
total hip, atlas of, *1975:* April, **21–44**
characteristics of, *1975:* April, 22
total knee, recently developed, radiology of, *1975:* April, **57–66**
Proteinuria, Tamm-Horsfall, in neonates, *1975:* Aug., 343–344
Pseudocysts, pancreatic, ultrasonic detection of, *1975:* Dec., 471–474
Pseudomonas aeruginosa pneumonia, *1973:* Aug., 275
Pseudomonas endocarditis, *1973:* Aug., 435
Pseudomonas infection, pulmonary, *1973:* Aug., 323–325
Pseudotumor, renal, ultrasonic diagnosis of, *1975:* Dec., 424
Pseudotumor cerebri, *1974:* Aug., 306
Psittacosis, *1973:* Aug., 272
Pulmonary. See also *Lungs.*
Pulmonary alveolar pressure, roentgen changes, *1973:* April, 26–28
Pulmonary blood flow, *1973:* April, 22–26
redistribution of, causes, *1973:* April, 28–36
Pulmonary embolism, lung scanning in, *1973:* April, 223–228
Pulmonary emphysema. See *Emphysema.*
Pulmonary fibrosis, in sarcoid, *1973:* Aug., 288
Pulmonary inflammatory disease, *1973:* Aug., **261–278**
bronchographic criteria, *1973:* Aug., **371–382**
opportunistic, *1973:* Aug., **357–369**
Pulmonary neoplasia, bronchographic diagnosis, *1973:* April, 129–135
Pulmonary tuberculosis, atypical, *1973:* April, **191–196**
Pulmonary vasculature, roentgen visualization of, *1973:* April, 18–23
Puncture, percutaneous, ultrasonically guided, *1975:* Dec., **493–503**
Pyelography, intravenous, in infants, *1973:* Dec., 651
ultrasonography in, *1975:* Dec., 420
Pyelonephritis, acute, in neonates, *1975:* Aug., 345

Q FEVER, *1973:* Aug., 272

RADIATION, dose of, for neonates, *1975:* Aug., 369
therapy planning, ultrasound in, *1975:* Dec., **505–521**
Radiocolloid therapy, intracavitary, *1974:* April, 161–163
Radiography, in neonatal duodenal obstruction, *1975:* Aug., 302
Radioimmunoassay in obstetrics and gynecology, *1974:* April, 153–154
Radioisotope scanning. See *Scanning.*

Radiology, neonatal, special procedure techniques in, *1975:* Aug., **181–198**
symposium on, *1975:* Aug., **167–383**
of bone grafts, *1975:* April, **67–77**
of femoral head and neck replacements and cup mold arthroplasties, *1975:* April, **45–56**
of recently developed total knee prostheses, *1975:* April, **57–66**
of total hip arthroplasty, *1975:* April, **3–19**
orthopedic, symposium on, *1975:* April, **1–164**
Radionuclides, in evaluation of trauma patient, *1973:* Dec., **461–477**
Radionuclide cisternography, in normal pressure hydrocephalus, *1974:* Aug., 363
Radionuclide scans, in neonate, *1975:* Aug., 359
Radiopharmaceuticals, for lung scanning, *1973:* April, 216–218
in neonates, *1975:* Aug., 373–378
Rectosigmoid, endometriosis of, *1974:* April, 116
Rectum, traumatic injury to, *1973:* Dec., 569
Reduction, open, for congenital dislocation of hip, *1975:* April, 125
Reflux, gastroesophageal, neonatal, *1975:* Aug., 315
Reid index, *1973:* April, 66
Renal. See also *Kidney(s).*
failure, cardiopulmonary manifestations, *1973:* April, 29–31
scans, in neonates, *1975:* Aug., 360
trauma, radionuclide scanning in, *1973:* Dec., 466–467
Renal ultrasound, *1975:* Dec., **417–434**
Renal vein thrombosis, traumatic, *1973:* Dec., 604
Replacements, femoral head, radiologic aspects of, *1975:* April, 45–53
Resection, femoral and tibial, for leg shortening, *1975:* April, 155–156
Respiratory care, *1973:* April, **93–107**
Respiratory disease, neonatal, complications, *1973:* Dec., 646–651
regional distribution of atelectasis and fluid in, *1975:* Aug., **225–250**
surgery for, *1975:* Aug., 316–329
Respiratory distress syndrome, in adults, *1973:* April, 102, 103
Respiratory infections, diagnosis of, *1973:* Aug., **261–278**
Retrofenestral otosclerosis, *1974:* Dec., 510–512
Rhabdomyosarcoma, of chest wall, *1973:* April, 211
of middle ear, *1974:* Dec., 572, 588, 591
of petrous bone, in children, *1974:* Dec., 564, 566
Rhinorrhea, brain scan evaluation, *1973:* Dec., 465
cerebrospinal fluid, skull trauma and, *1974:* Aug., 320
Rib(s), fractures, lung injury with, *1973:* Dec., 527
roentgen visualization, *1973:* April, 77–79
tumors of, benign, *1973:* April, 197–201
malignant, *1973:* April, 201–206
Ring hip prosthesis, *1975:* April, 4, 27, 32
Roentgen examination. See also under organs, parts, and special procedures.
differentiation of linear shadows, *1973:* April, **77–92**
magnification and subtraction techniques, *1974:* Aug., **241–256**
Roentgen therapy, for cervical carcinoma, complications, *1974:* April, 99–108
for lung cancer, *1973:* April, **243–255**
Roentgenograms, for total hip arthroplasty, *1975:* April, 8
skull, in infants, *1975:* Aug., 201
spinal, in measuring curvature, *1975:* April, **113–121**
Round window, tomographic anatomy, *1974:* Dec., 414, 415
Rule of bifurcation, in bronchography, *1973:* April, 130
Rupture, esophageal, neonatal, *1975:* Aug., 328
Russell-Silver syndrome, *1975:* Aug., 210
Russin-Sivash hip prosthesis, *1975:* April, 40–41

SALMONELLA endocarditis, *1973:* Aug., 420–421, 426–427
Sarcoidosis, *1973:* Aug., **279–294,** 298, 302–303
Sbarbaro hip prosthesis, *1975:* April, 35–36
Scalp lesions, skull erosions with, *1974:* Aug., 276
Scanning, A-mode ultrasonic, *1975:* Dec., 403–404
brain, neonatal, *1975:* Aug., 370
lung, *1973:* April, **215–241**
computer analysis and, *1973:* April, 235
M-mode ultrasonic, *1975:* Dec., 403–404
radionuclide, in neonate, *1975:* Aug., 359
in trauma patient, *1973:* Dec., **461–477**
renal, in neonates, *1975:* Aug., 360
ultrasonic, in obstetrics and gynecology, *1974:* April, **127–146**
Scheuermann's disease, *1975:* April, 105–107
Scimitar syndrome, in infants, *1975:* Aug., 259
Sclerosis, acetabular, with Austin-Moore prosthesis, *1975:* April, 47–48
Scoliosis, radiographic study of, *1975:* April, 93–105
Seat belts, bowel trauma from, *1973:* Dec., 569–571
Seldinger, technique of, in infantile pulmonary angiography, *1975:* Aug., 189
Sella turcica, roentgen examination, *1974:* Aug., 220
tumors of, *1974:* Dec., 488
Semicircular canal(s), fistulas of, *1974:* Dec., 499
malformations, *1974:* Dec., 475, 476, 477
tomographic anatomy, *1974:* Dec., 410, 414, 415
Septal defect, redistribution of blood flow in, *1973:* April, 30
Sigmoiditis, radiation, *1974:* April, 102, 103
Silicosis, *1973:* Aug., 297, 312
Sinus(es), skull, roentgen examination, *1974:* Aug., 220
Shoulder, fractures of, *1973:* Dec., 676, 678
trauma to, *1973:* Dec., 660
Skeletal abnormalities, fetal, prenatal diagnosis, *1974:* April, 18–20
Skeletal imaging, *1974:* April, 155–157
Skeleton, determination of maturation of, in idiopathic scoliosis, *1975:* April, 120–121
Skull, aseptic necrosis, *1974:* Aug., 278
carcinoma, *1974:* Aug., 273
erosions, *1974:* Aug., **257–282**
fibrous dysplasia, *1974:* Aug., 268
fractures, in children, *1974:* Aug., 335–339
histiocytosis, *1974:* Aug., 278
infantile, measurement of, *1975:* Aug., 199–201
mass lesions, *1974:* Aug., 273–276
ultrasonic characterization, *1974:* Aug., 284–288
molding, *1974:* Aug., 333–335
normal lucencies, *1974:* Aug., 259–263
osteomyelitis of, *1974:* Aug., 278
roentgen examination, techniques, *1974:* Aug., **215–222**
trauma, *1973:* Dec., **479–503**
intrapartum, *1973:* Dec., 639, 641
neurologic sequelae, *1974:* Aug., 316–331
stereo roentgenography in, *1973:* Dec., **683–696**
vascular markings, *1973:* Dec., 492–502

Sonography. See *Ultrasound.*
Sound, velocity of, *1975:* Dec., 393
wavelength of, in diagnostic ultrasound, *1975:* Dec., 398–401
Sound waves, in ultrasound, physics of, *1975:* Dec., 391–397
Spalding's sign, *1974:* April, 29, 31–32
Sphenoidal sutures, lateral, *1973:* Dec., 489–490
Spinal cord, arteriovenous malformation, *1974:* Aug., 254
Spinal ileus, *1973:* Dec., 574, 576
Spine, cervical, upper, trauma to, *1973:* Dec., **505–526**
curvatures of, classification of, *1975:* April, **93–112**
measurement of, *1975:* April, **113–121**
Spinous process method, of determining vertebral rotation, *1975:* April, 118–120
Spleen, neonatal, radionuclide angiogram of, *1975:* Aug., 378
trauma to, *1973:* Dec., 574
trauma, arteriography in, *1973:* Dec., 581–585
radionuclide scanning in, *1973:* Dec., 467
ultrasonic examination of, *1975:* Dec., **543–556**
Sports injuries, *1973:* Dec., **657–665**
Sprains, foot and ankle, *1973:* Dec., 658
Squamosal suture, *1974:* Dec., 489, 493
Squamous cell carcinoma, of external auditory canal, *1974:* Dec., 571
Stanmore hip prosthesis, *1975:* April, 23, 27–29
Stapes, trauma to, *1974:* Dec., 529
Staphylococcal pneumonias, *1973:* Aug., 327, 329, 332
hospital-acquired, *1973:* Aug., 274–275
in children, *1973:* Aug., 269
Stapling, in leg shortening, *1975:* April, 154–155
Stenosis, meatal, neonatal, *1975:* Aug., 355
pulmonary valve, neonatal, *1975:* Aug., 271–272
pyloric, neonatal, *1975:* Aug., 315
Stereo roentgenography, in craniofacial injuries, *1973:* Dec., **683–696**
Sternum, tumors of, *1973:* April, 206–208
Stomach, traumatic injury to, *1973:* Dec., 567
Streptococcus viridans endarteritis, *1973:* Aug., 439
Subdural hematoma, brain scan in, *1973:* Dec., 462–463
chronic juvenile, *1974:* Aug., 273, 275
computerized tomography in, *1974:* Aug., 306–308
in children, *1974:* Aug., 339–340
Subluxation, *1975:* April, 123
Salter innominate osteotomy for, *1975:* April, 129–131
shelf operations for, *1975:* April, 133, 135–136
Subtraction techniques for image enhancement, *1974:* Aug., 248–256
Suture(s), of skull, in evaluation of head trauma, *1973:* Dec., 479–492
Swyer-James syndrome, *1973:* April, 4

TALECTOMY, for joint stabilization, *1975:* April, 144–145
Tamm-Horsfall proteinuria, in neonates, *1975:* Aug., 343–344
Temporal bone, benign tumors of, *1974:* Dec., **533–542**
fractures, *1974:* Dec., 527–528
glomus tumors of, *1974:* Dec., **543–551**
inflammatory disease, *1974:* Dec., **491–504**
lesions of, radiolucent, *1974:* Dec., 571–583
metastatic disease, *1974:* Dec., 598–599
Temporal bone (*Continued*)
petrous, neoplasms of, *1974:* Dec., 459, 460
structures, tomographic anatomy, *1974:* Dec., 408–413
Temporomandibular joint, congenital anomalies, *1974:* Dec., 468
Tentorial meningioma, *1974:* Aug., 398
Teratoma, fetal, prenatal diagnosis, *1974:* April, 21, 22
Tetralogy of Fallot, in infants, *1975:* Aug., 254, 258, 259, 270, 379
Thalidomide, ear anomalies with, *1974:* Dec., 469, 470
Thermography, breast, *1974:* April, **167–188**
Thompson prosthesis, in femoral head and neck replacement, *1975:* April, 46–47
Thorax, and abdomen, acute neonatal surgical conditions of, *1975:* Aug., **297–329**
bony, in congenital heart disease, *1975:* Aug., 259
trauma to, pulmonary injury with, *1973:* Dec., **527–541**
Thrombosis, renal venous, in neonates, *1975:* Aug., 345
Thymus, in neonate, respiratory distress and, *1975:* Aug., 229
Thyroid gland, disorders of, in pregnancy, *1974:* April, 150–153
ultrasonography of, *1975:* Dec., 479–492
Tibia, alteration of, for knee prosthesis, *1975:* April, 57–65
osteotomy of, *1975:* April, 86–90
Tomography, computerized, of brain, *1974:* Aug., **297–313**
axial, for large infantile heads, *1975:* Aug., 215–217
in otosclerosis, *1974:* Dec., 506–513
of ear, basal projection, clinical correlations, *1974:* Dec., **419–430**
in children, *1974:* Dec., 554–557
of inner ear malformations, *1974:* Dec., 473–474
Torticollis, *1973:* Dec., 521–523
Toxoplasmosis, neonatal, large ventricles and, *1975:* Aug., 220
Tracheoesophageal fistula, prenatal diagnosis, *1974:* April, 23
Traction, skeletal, in hip dislocation, *1975:* April, 125
Transaxillary cerebral angiography, *1974:* Aug., 238–239
Transcatheter lung biopsy, *1973:* Aug., 382–384, 386–389
Transducer, in diagnostic ultrasound, *1975:* Dec., 397–398
Transfusion, fetal, intrauterine, *1973:* Dec., 634; *1974:* April, **37–58**
Transplantation, of heart, pulmonary infection after, *1973:* April, 178, 181, 182, 184, 185
of kidney, diagnostic ultrasound and, *1975:* Dec., 431–432
pulmonary infection after, *1973:* April, 178, 183, 184, 185
Transportation of trauma patient, *1973:* Dec., **449–460**
Trapezoidal-28 hip prosthesis, *1975:* April, 27
Trauma. See also under organ or part, as *Abdomen.*
ear, *1974:* Dec., **527–532**
head, in children, *1974:* Aug., 333–342
neurologic sequelae, *1974:* Aug., **315–331**
normal pressure hydrocephalus in, *1974:* Aug., 356
symposium on, *1973:* Dec., **447–696**
radionuclide imaging in, *1973:* Dec., **461–477**
Trauma patient, transportation of, *1973:* Dec., **449–460**

Treacher-Collins syndrome, *1974:* Dec., 469, 470
Tronzo hip prosthesis, *1975:* April, 40
Trophoblastic circulation, pathologic, angiographic findings, *1974:* April, 59–60
Trophoblastic disease, angiographic findings, *1974:* April, 61, 66–76
Tubal pregnancy, *1974:* April, 60–64
Tuberculosis, cavitation in, *1973:* Aug., 309, 381
miliary, *1973:* Aug., 396
pulmonary, atypical, *1973:* April, **191–196**
Tularemia, *1973:* Aug., 272
Tumor(s). See also *Carcinoma;* specific lesions, and names of organs.
brain stem, angiography in, *1974:* Aug., 388–390
cerebellar, *1974:* Aug., 381–387
genital, lymphangiography in, *1974:* April, **79–92**
granulomatous, of lung, *1973:* Aug., 304
trophoblastic, invasive, *1974:* April, 66–67, 70–76
Twins, failure of progress of labor with, *1974:* April, 4, 5, 6
prenatal detection, *1974:* April, 25
Tympanic cavity, tomographic anatomy, *1974:* Dec., 411
Tympanic spine, tomographic anatomy, *1974:* Dec., 413, 414

Ulcerative plaque, in cerebral atherosclerosis, *1974:* Aug., **343–352**
Ultrasonography. See also *Ultrasound.*
in neurologic disease, *1974:* Aug., **283–295**
in obstetrics and gynecology, *1974:* April, **127–146**
Ultrasound, aneurysms and, *1975:* Dec., 559–563
bladder and prostate and, *1975:* Dec., 418–419, 421, 432–433
B-scan, symposium on, *1975:* Dec., **389–572**
definition of, *1975:* Dec., 391
diagnostic, physics of, *1975:* Dec., **391–402**
technology of, *1975:* Dec., **403–415**
eye and, *1975:* Dec., **523–541**
gallbladder and, *1975:* Dec., **543–556**
gray scale, *1975:* Dec., 543
in B-scans, *1975:* Dec., 407–410
gynecologic, *1975:* Dec., **457–466**
liver and, *1975:* Dec., **543–556**
M-mode, *1975:* Dec., 403–404
obstetrical, *1975:* Dec., **435–455**
pancreas and, *1975:* Dec., **467–478**
pelvic, *1975:* Dec., 458–461
percutaneous puncture and, *1975:* Dec., **493–503**
radiation therapy planning and, *1975:* Dec., **505–521**
renal, *1975:* Dec., **417–434**
spleen and, *1975:* Dec., **543–556**
thyroid gland and, *1975:* Dec., **479–492**
Umbilical catheterization, trauma from, *1973:* Dec., 639, 644
Union, fibrous and osseous, in bone grafts, *1975:* April, 69
Ureter, endometriosis of, *1974:* April, 120–121
obstruction of, in neonates, *1975:* Aug., 350–353
trauma to, *1973:* Dec., 610–618
Ureterocele, infantile, *1975:* Aug., 351–353
Urethra, obstruction, neonatal, *1975:* Aug., 354–356
trauma to, *1973:* Dec., 622–630
Urinary obstruction, neonatal, *1975:* Aug., **343–358**
Urinary tract, endometriosis of, *1974:* April, 118–121
evaluation of, in neonates, *1975:* Aug., **359–368**
Urist-Moore hip prosthesis, *1975:* April, 33, 35
Urography, intravenous excretion, in neonates, *1975:* Aug., 359–367
Uterus, bicornuate, *1974:* April, 14
cervix, carcinoma of, *1974:* April, **93–108**
tumors of, lymphangiography in, *1974:* April, 79–88
Uterus, abnormalities of, ultrasound and, *1975:* Dec., 461–462
contractions, diminished, prolonged labor and, *1974:* April, 4–5, 8, 9
enlarged, fetal abnormality and, *1974:* April, 15–17
tumors of, lymphangiography in, *1974:* April, 88–89
ultrasonic scanning, *1974:* April, 128, 129, 131; *1975:* Dec., 443

Varicella pneumonia, *1973:* Aug., 333–335
Varus and valgus deformities, correction of, with knee prosthesis, *1975:* April, 61, 64–65
Vascular catheters, complications of, *1973:* April, 103–105
Vascular rings, in neonates, *1975:* Aug., 325
Vein(s), of posterior fossa, *1974:* Aug., 376–381
pulmonary, roentgen visualization of, *1973:* April, 18–23
Velocity, sound, *1975:* Dec., 393
Ventilation, assisted, hazards of, *1973:* April, 99–100
Ventilation/perfusion ratio, pulmonary, *1973:* April, 22–26, 42–43, 218
Ventricles, large, and large heads, in infants, *1975:* Aug., **199–224**
Ventriculitis, neonatal, brain scan for, *1975:* Aug., 370
Ventriculography, for infantile large heads, *1975:* Aug., 215–217
infant immobilization during, *1975:* Aug., 175–179
neonatal, *1975:* Aug., 196–198
percutaneous third, in neonates, *1975:* Aug., 178
Vestibule, tomographic anatomy, *1974:* Dec., 410, 412, 415
Vestibular aqueduct, in Meniere's disease, *1974:* Dec., **517–525**
Vestibular window, in fenestral otosclerosis, *1974:* Dec., 509
Viral pericarditis, pericardial effusion in, *1973:* Aug., 404
Viral pneumonias, *1973:* Aug., **317–338**
in children, *1973:* Aug., 269
Vitallium, in knee prostheses, *1975:* April, 57, 62
in mold arthroplasty, *1975:* April, 133–134
Volvulus, midgut, neonatal, *1975:* Aug., 302–304
Vomiting, in neonates, *1975:* Aug., 297, 314–315
Vulva, carcinoma of, *1974:* April, 90, 91

Waardenburg's syndrome, *1974:* Dec., 477
Wavelengths, sound, in diagnostic ultrasound, *1975:* Dec., 398–401
Waves, acoustic, in ultrasound, physics of, *1975:* Dec., 391–397
shear, in diagnostic ultrasound, *1975:* Dec., 392
ultrasonic, biological hazards of, *1975:* Dec., 414
Weber trunnion-bearing hip prosthesis, *1975:* April, 36, 38
Webs, duodenal, in neonates, *1975:* Aug., 298–300
Wegener's granulomatosis, *1973:* Aug., 312
Wildervanck's syndrome, *1974:* Dec., 477
Wilms' tumor, in neonates, *1975:* Aug., 347–348
Wrist, fractures of, *1973:* Dec., 678
Wry neck, *1973:* Dec., 521–523

Xeroradiography, of breast, *1974:* April, **189–203**